



PCT09

RAW SEQUENCE LISTING

DATE: 08/01/2002

PATENT APPLICATION: US/09/936,680

TIME: 12:56:00

Input Set : N:\Crf3\07292002\I936680.raw

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1 <110> APPLICANT: Warner-Lambert Company
2 <120> TITLE OF INVENTION: A novel family of beta sub-unit proteins from a
3     voltage-gated sodium channel, nucleic acids encoding
4     them and therapeutic or diagnostic uses thereof
5 <130> FILE REFERENCE: 5977-01-EJB
6 <140> CURRENT APPLICATION NUMBER: US/09/936,680
7 <141> CURRENT FILING DATE: 2002-06-10
8 <150> PRIOR APPLICATION NUMBER: PCT/EP00/01783
9 <151> PRIOR FILING DATE: 2000-02-27
10 <150> PRIOR APPLICATION NUMBER: 60/129,473
11 <151> PRIOR FILING DATE: 1999-04-15
12 <160> NUMBER OF SEQ ID NOS: 47
13 <170> SOFTWARE: PatentIn Ver. 2.1
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17 <212> TYPE: PRT
18 <213> ORGANISM: Rat
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23             20             25             30
24     Thr Glu Ala Val Gln Gly Asn Pro Met Lys Leu Arg Cys Ile Ser Cys
25             35             40             45
26     Met Lys Arg Glu Glu Val Glu Ala Thr Thr Val Val Glu Trp Phe Tyr
27             50             55             60
28     Arg Pro Glu Gly Gly Lys Asp Phe Leu Ile Tyr Glu Tyr Arg Asn Gly
29             65             70             75             80
30     His Gln Glu Val Glu Ser Pro Phe Gln Gly Arg Leu Gln Trp Asn Gly
31             85             90             95
32     Ser Lys Asp Leu Gln Asp Val Ser Ile Thr Val Leu Asn Val Thr Leu
33             100            105            110
34     Asn Asp Ser Gly Leu Tyr Thr Cys Asn Val Ser Arg Glu Phe Glu Phe
35             115            120            125
36     Glu Ala His Arg Pro Phe Val Lys Thr Thr Arg Leu Ile Pro Leu Arg
37             130            135            140
38     Val Thr Glu Glu Ala Gly Glu Asp Phe Thr Ser Val Val Ser Glu Ile
39             145            150            155            160
40     Met Met Tyr Ile Leu Leu Val Phe Leu Thr Leu Trp Leu Phe Ile Glu
41             165            170            175
42     Met Ile Tyr Cys Tyr Arg Lys Val Ser Lys Ala Glu Glu Ala Ala Gln
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44     Glu Asn Ala Ser Asp Tyr Leu Ala Ile Pro Ser Glu Asn Lys Glu Asn

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57          20          25          30
58      Thr Glu Ala Val Gln Gly Asn Pro Met Lys Leu Arg Cys Ile Ser Cys
59          35          40          45
60      Met Lys Arg Glu Glu Val Glu Ala Thr Thr Val Val Glu Trp Phe Tyr
61          50          55          60
62      Arg Pro Glu Gly Gly Lys Asp Phe Leu Ile Tyr Glu Tyr Arg Asn Gly
63          65          70          75          80
64      His Gln Glu Val Glu Ser Pro Phe Gln Gly Arg Leu Gln Trp Asn Gly
65          85          90          95
66      Ser Lys Asp Leu Gln Asp Val Ser Ile Thr Val Leu Asn Val Thr Leu
67          100          105          110
68      Asn Asp Ser Gly Leu Tyr Thr Cys Asn Val Ser Arg Glu Phe Glu Phe
69          115          120          125
70      Glu Ala His Arg Pro Phe Val Lys Thr Thr Arg Leu Ile Pro Leu Arg
71          130          135          140
72      Val Thr Glu Glu Ala Gly Glu Asp Phe Thr Ser Val Val Ser Glu Ile
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74      Met Met Tyr Ile Leu Leu Val Phe Leu Thr Leu Trp Leu Leu Ile Glu
75          165          170          175
76      Met Ile Tyr Cys Tyr Arg Lys Val Ser Lys Ala Glu Glu Ala Ala Gln
77          180          185          190
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90      tcacccaccc caccggaggt ccacactctt tccacccctg aaggacctcc tgtgagcccg 180
91      ggaccctgtg tacaggactg aagtggaaaca aattctgtag ccagacgac ggctggagtg 240
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104 ctatcccttc agagaacaag gagaactctg tggtaacctg ggaggaataa tgtggtgtga 1020
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137 cgccagcccc agaagatgcc tgccttcaat agattgtttc cctggcttc tctcgtgctt 420
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185 <212> TYPE: PRT
186 <213> ORGANISM: Rat
187 <400> SEQUENCE: 8
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193 <211> LENGTH: 12
194 <212> TYPE: PRT
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VERIFICATION SUMMARY

DATE: 08/01/2002

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